

Form PTO-1449

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LU 6084 (US)

Application Number

10/538,540

Applicant

Shahran Mihan et al.

Filing Date

June 10, 2005

GROUP ART UNIT

1714

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

**U. S. PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
N	3 1 2 5 5 4 7	03/17/64	Blatz	260	45.5	02/09/61
M	3 2 4 2 1 5 0	03/22/66	Scoggin	260	88.2	03/31/60
N	3 2 4 8 1 7 9	04/26/66	Norwood	23	285	02/26/62
	5 6 2 5 0 1 6	04/29/97	Schiffino et al.	526	160	10/20/95
M	6 2 5 5 4 1 8	07/03/01	Jolly et al.	526	160	07/18/97
M	6 3 5 0 8 1 4	02/26/02	Bauer et al.	525	191	09/18/98
M	6 4 1 7 3 0 2	07/09/02	Bohnen	526	160	07/23/98
M	6 4 3 7 1 6 1	08/20/02	Mihan et al.	556	11	08/13/99
M	6 5 8 9 9 0 5	07/08/03	Fischer et al.	502	300	07/13/99
M	6 7 8 7 4 9 8	09/07/04	Mihan et al.	502	120	06/11/02
M	6 8 1 2 1 8 5	11/02/04	Fischer et al.	502	120	07/30/03

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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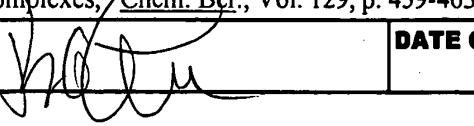
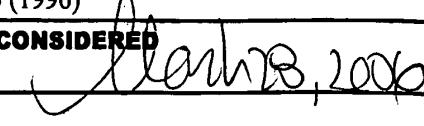
**OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

M	S. Pang et al., "Size-Exclusion Chromatographic Assessment of Long-Chain Branch Frequency in Polyethylenes," <u>American Chemical Society</u> , Chapter 17, p. 254-269 (1993), ACS Symposium Series 521, <u>Chromatography of Polymers</u> edited by T. Provder
M	L. Wild, "Temperature Rising Elution Fractionation," <u>Advances in Polymer Science</u> 98, p. 1-47 (1990)
M	W. von Freiesleben, "Über eine neue Fulven-Synthese [1]," <u>Angew Chem.</u> , Vol. 75(12), p. 576 (1963)

EXAMINER

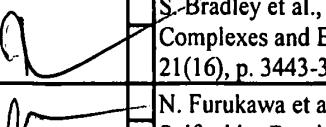
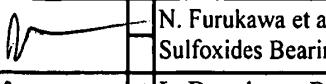
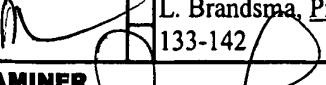
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				<b>LU 6084 (US)</b>		<b>10/538,540</b>		
				Applicant			<b>Shahran Mihan et al.</b>	
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<b>June 10, 2005</b>	<b>1714</b>							
<b>U. S. PATENT DOCUMENTS</b>								
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	6 8 3 8 5 6 3	01/04/05	Mihan et al.	546	10	06/11/02		
M 2003	0 0 3 6 6 5 8	02/20/03	Mihan et al.	548	402	06/11/02		
M 2003	0 0 3 6 6 6 2	02/20/03	Mihan et al.	556	20	06/11/02		
M 2003	0 0 5 5 2 6 7	03/20/03	Mihan et al.	548	402	06/11/02		
M 2003	0 1 7 6 2 7 5	09/18/03	Fraaije et al.	502	103	06/13/01		
M 2003	0 2 3 6 1 6 4	12/25/03	Fischer et al.	502	439	07/30/03		
M 2004	0 0 3 3 8 9 0	02/19/04	Mihan et al.	502	113	06/13/01		
M	6 9 1 1 5 1 6	06/28/05	Mihan et al.	526	348	08/01/00		
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M	0 7 4 2 0 4 6	11/13/96	EP	B01J	31/18			
M	9 0 0 3 4 1 4	04/05/90	WO	C08L	23/08			
M	9 3 0 3 0 9 8	02/18/93	WO	C08L	23/04			
<b>OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)</b>								
M	R. Halterman, "Synthesis and Applications of Chiral Cyclopentadienylmetal Complexes," <u>Chem. Rev.</u> , Vol. 92, p. 965-994 (1992)							
M	S. Strauss, "The Search for Larger and More Weakly Coordinating Anions," <u>Chem. Rev.</u> , Vol. 93(3), p. 927-942 (1993)							
M	M. Enders et al., "8-Quinolylcyclopentadienyl, a Ligand with a Tailored Fit for Chelate Complexes," <u>Chem. Ber.</u> , Vol. 129, p. 459-463 (1996)							
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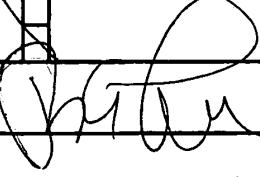
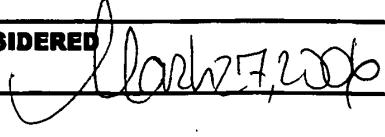
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9-312151	06/24/93	WO	C08F	210/02			
9-527005	10/12/95	WO	C08L	23/06			
9-600243	01/04/96	WO	C08F	4/642			
9-704015	02/06/97	WO	C08F	10/00			
9-736937	10/09/97	WO	C08F	4/603			
<b>OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)</b>							
	B. Monrabal, "Crystallization Analysis Fractionation: A New Technique for the Analysis of Branching Distribution in Polyolefins," <u>Journal of Applied Polymer Science</u> , Vol. 52, p. 491-499 (1994)						
	J. Ewen et al., "Expanding the Scope of Metallocene Catalysis: Beyond Indenyl and Fluorenyl Derivatives," p. 150-169 (1999)						
	M. Enders et al., "New Chromium (III) Complexes as Highly Active Catalysts for Olefin Polymerization," <u>Organometallics</u> , Vol. 20(24), p. 5005-5007 (2001)						
EXAMINER	<i>Bhatia</i>			DATE CONSIDERED		<i>March 28, 2006</i>	

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	9 8 4 0 4 1 9	09/17/98	WO	C08F	10/00			
	9 8 4 4 0 1 1	10/08/98	WO	C08F	210/16			
<b>OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)</b>								
  	S. Bradley et al., "Synthesis and Structure of Amino-Functionalized Cyclopentadienyl Vanadium Complexes and Evaluation of Their Butadiene Polymerization Behavior," <u>Organometallics</u> , Vol. 21(16), p. 3443-3453 (2002)							
	N. Furukawa et al., "Preparation of Pyridyl Grignard Reagents and Cross Coupling Reactions with Sulfoxides Bearing Azaheterocycles," <u>Tetrahedron Letters</u> , Vol. 28(47), p. 5845-5848 (1987)							
	L. Brandsma, <u>Preparative Polar Organometallic Chemistry, Volume 2</u> , Springer-Verlag, p. 133-142							
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M	0 0 2 4 7 8 7	05/04/00	WO	C08F	4/642	
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M	0 1 1 2 6 4 1	02/22/01	WO	C07F	17/00	
<b>OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)</b>						
M	P. Jutzi et al., "Cyclopentadienyl compounds with nitrogen donors in the side-chain," <i>Journal of Organometallic Chemistry</i> , Vol. 500, p. 175-185 (1995)					
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				<i>Mon 7/8/06</i>		

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